

## REMARKS

### Objection to the Specification

The specification is objected to, the Office Action stating:

It is unclear as to why both the critical circuit 207 and memory 203 each store a charging algorithm and methodology for battery 206 [¶s 40-41 and 43]. Because the critical circuit 207 is described as "the previously described BRAM for providing information regarding one or more batteries," and because it is explicitly taught that "charging algorithm and charging methodology ... can be stored in the BRAM" it is interpreted that the critical circuit 207 stores a charging algorithm and charging methodology. Lastly, it is unclear as to which memory (i.e. critical circuit 207 or memory 203) is responsible for providing the charging algorithm and methodology to be used for charging battery 206. For examination purposes, it is interpreted that only the memory, NOT the critical circuit, stores the charging algorithm and charging methodology.

Applicants have amended the specification at paragraph [0041] to clarify that the critical circuit 207 is not the same as "the previously described BRAM..." However, in some embodiments, the critical circuit 207 could be "a BRAM for providing information regarding one or more batteries, decrypting an encrypted bitstream, or any other circuits providing critical functions...", as now recited in paragraph [0042]. Note that this amendment does not constitute new matter, as it was evidently clear to those of skill in the art (e.g., the Examiner) that the previously described BRAM and the critical circuit were not one and the same. Further, other portions of the specification (e.g., paragraph [0043]) make it clear that in the embodiment of Fig. 2, it is memory 203 in which the charging algorithm and methodology for battery 206 are stored.

Therefore, Applicants believe this objection to be overcome by the present amendment to paragraph [0041].

### Objection to the Drawings

The drawings are objected to under 37 CFR 1.83(a) for not showing certain features recited in Claims 28 and 29. Claims 28 and 29 are cancelled. Therefore, this objection is moot.

### Claim Status

Claims 1-2, 4-5, 8-12, and 20-24 remain for consideration and are thought to be allowable over the cited art. Claims 1-2 and 4-5 are allowed. Claims 6-7, 12, 18-19, 24, and 28-31 are rejected as described below. Claims 8-11 and 20-23 are objected to as being dependent from a rejected base claim, but would be allowable if properly rewritten in independent form.

### Rejections Under 35 USC 112

Claims 28-31 are rejected under 35 USC 112 , second paragraph. Claims 28-31 are cancelled. Therefore, this rejection is moot.

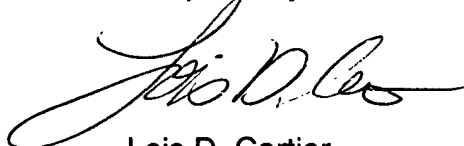
### Rejections Under 35 USC 103(a)

Claims 6, 7, and 12 are rejected under 35 USC 103(a) as being unpatentable over Patino in view of Fernandez in view of Townsley. Claims 18, 19, and 24 are rejected on the same basis. Claims 6-7 and 18-19 are cancelled; therefore, this rejection is moot with regard to these claims. Claim 12 is amended to depend from Claim 8, which was deemed allowable. Therefore, Claim 12 is allowable for at least the reasons of Claim 8. Claim 24 is amended to depend from Claim 20, which was deemed allowable. Therefore, Claim 24 is allowable for at least the reasons of Claim 20.

CONCLUSION

Reconsideration and a notice of allowance are respectfully requested in view of the Remarks presented above. If the Examiner has any questions or concerns, a telephone call to the undersigned is invited.

Respectfully submitted,

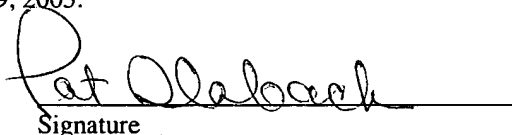


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I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patent, P.O. Box 1450, Alexandria, Virginia 22313-1450, on July 19, 2005.

Pat Slaback

Name

  
Signature